

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5963515
<b>Application Number:</b>	10730449
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2257
<b>Title of Invention:</b>	METHOD AND APPARATUS FOR DYNAMICALLY INSERTING GAIN IN AN ADAPTIVE FILTER SYSTEM
<b>First Named Inventor/Applicant Name:</b>	Lucio F. C. Pessoa
<b>Customer Number:</b>	23125
<b>Filer:</b>	Susan C. Hill/Dee Matocha
<b>Filer Authorized By:</b>	Susan C. Hill
<b>Attorney Docket Number:</b>	SC13036TS
<b>Receipt Date:</b>	27-AUG-2009
<b>Filing Date:</b>	08-DEC-2003
<b>Time Stamp:</b>	12:18:38
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 1990
RAM confirmation Number	10164
Deposit Account	503079
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	SC13036TS-USA-20090827-IDS.pdf	927305	no	4
			33f1ee7ea56beb6c50e3edee4190a83501264a5b		
Warnings:					
Information:					
2	Foreign Reference	SC13036TS-PRIOR-ART-Foreign-WO2001056263.pdf	1089291	no	33
			a9a386d2d2bc368313f30d030f85badbe1df6162		
Warnings:					
Information:					
3	NPL Documents	SC13036TS-PRIOR-ART-Article-Widrow.pdf	2064604	no	24
			0d72c8da54bff17f68d19bdd91857b7d1433b7cf		
Warnings:					
Information:					
4	NPL Documents	SC13036TS-PCT-20050415-Search-Report.pdf	65315	no	1
			4d2ff3a72af2ba32e1932b93d0900eafe616768f		
Warnings:					
Information:					
5	NPL Documents	SC13036TS-CHIN-20080808-OA-Rejection-ET.pdf	78508	no	11
			30c46d1a8c8b6985d7009b22ddf8f42b47fa0ace		
Warnings:					
Information:					
6	NPL Documents	SC13036TS-CHIN-20090213-OA-Rejection-ET.pdf	309872	no	7
			640d6c2922b8d4e4d7f0b2b924a6a2d7cbd36f87		
Warnings:					
Information:					
7	NPL Documents	SC13036TS-CHIN-20090710-OA-Rejection-ET.pdf	204801	no	4
			87df8fa4e3a1e52e8c8fb6f4fb774eb9e9259983		
Warnings:					
Information:					
8	Issue Fee Payment (PTO-85B)	SC13036TS-USA-20090827-Issue-Fee.pdf	112627	no	1
			27c5370833d57288f0e1cca48e7fe94c2c84ead9		
Warnings:					
Information:					

9	Fee Worksheet (PTO-875)	fee-info.pdf	33648 61e9facef800e107a13a84db2e931edb279a1177	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				4885971	
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  <b>If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</b></p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  <b>If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</b></p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  <b>If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</b></p>					